



The Optical Supply Resource

40 Sawgrass Drive, Bellport, NY 11713-1564

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SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION

Trade name: Lens Cleaner

Other means of Identification: 99-LCxxxx

Recommended use: Used for the cleaning of optical lenses

Restrictions on use: Do not use in any manner except for recommended use.

Manufacturer information: OptiSource International

40 Sawgrass Dr
Bellport, NY 11713
631-924-8360

Emergency contact (24HR):+1703-527-3887

SECTION 2 – Hazard Identification

OSHA/HCS status : While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the product: Not classified

Signal word : No signal word.

Hazard statements : No known significant effects or critical hazards.

Precautionary statements :

Avoid ingestion, inhalation, skin and eye contact. Handle in accordance with good industrial hygiene practice and any legal requirements

SECTION 3 – Composition/information on ingredients

Ingredients

Isopropyl alcohol: 10%, CAS 67-63-0

Water: 81%

1% of mixture composition is withheld as proprietary trade secret.

SECTION 4 – First Aid Measures

EYE CONTACT:

One or more components of this material is an eye irritant. Direct contact with the liquid or exposure may cause stinging, tearing, redness or swelling. If concerned seek medical attention.

SKIN CONTACT:

Chemical itself is not an irritant or sensitizer. Contact with this material may cause drying of the skin. If concerned seek medical attention.

SKIN ABSORPTION:

Symptoms of toxicity are not anticipated by this route alone under normal conditions of use. Persons with pre-existing skin disorders may be more susceptible to the effects of this material.

INHALATION (BREATHING):

Dense vapor displaces breathing air in confined or unventilated areas. Inhaling concentrated vapors can cause drowsiness, headache, respiratory fatigue and depression. If concerned seek medical attention.

INGESTION (SWALLOWING):

While this material has a low degree of toxicity, ingestion of large quantities may cause the following:

Irritation of the digestive tract.

Signs of nervous system depression, such as, headache, drowsiness, dizziness, loss of coordination, fatigue and nausea.

If concerned seek medical attention.

ASPIRATION HAZARD:

Components of this material can enter the lungs during swallowing and cause lung inflammation and damage. If concerned seek medical attention.

TARGET ORGAN TOXIN:

Central nervous system, respiratory system.

SECTION 5 – Fire-fighting Measures

EXTINGUISHING MEDIA:

Extinguish with dry chemical, CO₂ or a universal type foam.

UNSUITABLE EXTINGUISHING MEDIA:

None Known

SPECIFIC HAZARDS ARISING FROM CHEMICAL:

May decompose during contact with flames or combustion engines. Container may explode if heated due to resulting pressure rise.

SPECIAL PRECAUTIONS FOR FIRE-FIGHTERS:

Wear appropriate protective equipment including respiratory protection as conditions warrant. Stop spill/release if it can be done without risk. Water spray may be useful in minimizing or dispersing vapors and cooling equipment exposed to heat and flame. Avoid spreading burning liquid with water used for cooling purposes.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PRECAUTIONS IN CASE OF LEAK OR SPILL:

Keep all sources of ignition and hot metal surfaces away from spill/release. Spilled material may be absorbed by an appropriate absorbent. Notify fire authorities and appropriate federal, state and local agencies. If spill/release is in excess of EPA reportable quantity, immediately notify the National Response Center. (phone # 1-800-424-8802)

PROTECTIVE EQUIPMENT:

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below established exposure limits (see Section 2), additional ventilation or exhaust systems may required. Check air for oxygen deficiency.

RESPIRATORY PROTECTION:

The use of respiratory protection is advised when concentrations exceed the established exposure limits (see Section 2).

PROTECTIVE GLOVES:

The use of gloves impermeable to the specific material handled is advised to prevent skin contact and possible irritation.

EYE PROTECTION:

Approved eye protection to safeguard against potential eye contact, irritation or injury is always recommended.

WASTE DISPOSAL METHOD:

Dilute aqueous waste may biodegrade. Soil or water should not be designated RCRA hazardous waste. Dispose of in accordance with local, county, state and federal regulations.

SECTION 7 – HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Wash affected skin with plenty of water. Remove contaminated clothing and wash clothing before reuse. Provide adequate ventilation. Avoid contact with skin, eyes or clothing..

CONDITIONS FOR SAFE STORAGE

Keep containers tightly closed, cool, dry and away from all sources of ignition. Use and store this product with adequate ventilation. Avoid inhalation of vapors and personal contact with the product. Use good personal hygiene practices. No known incompatible materials. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations. Before working in or on tanks which contain or has contained this product, refer to OSHA or ANSI Z49.1 regulations and other governmental and industrial references pertaining to cleaning, repairing, welding or other contemplated operations.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

Isopropyl Alcohol CAS 67-67-0

OSHA PEL: 400ppm ACGIH TLV: 200ppm

APPROPRIATE ENGINEERING CONTROLS:

Ensure adequate ventilation, engineering controls not typically required under conditions of normal use.

PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE PROTECTION:

Not required under normal consumer use. Safety glasses recommended for industrial use.

SKIN PROTECTION

Not Required under normal consumer use. Wear suitable gloves if prolonged contact is expected in industrial use

RESPIRATORY PROTECTION

Not required under normal consumer use. In case of inadequate ventilation in industrial use, wear respiratory protection

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance Liquid
Color Clear
Odor Not available
Odor Threshold (ppm) Not available
pH (Value) 7
Melting Point / Freezing Point (C) Not available
Boiling point/boiling range (C) Not determined
Flash Point (C) 365F
Evaporation rate Not available
Flammability (solid, gas) Not available
Explosive limit ranges Not available
Vapor Pressure (Pascal) Not available
Vapor Density (Air=1) Not available
Density (g/ml) Not available
Specific Gravity No data available
Solubility (Water) Soluble Solubility (other) Not Known
Partition Coefficient (n-Octanol/water) Not available
Auto Ignition Temperature (C) Not available
Decomposition Temperature Not available
Kinematic Viscosity (mPas) no data available

SECTION 10 – STABILITY AND REACTIVITY

STABILITY:

Stable

INCOMPATIBILITY (MATERIALS TO AVOID):

This product is incompatible with:

Strong acids or bases
Oxidizing agents
Selected amines

HAZARDOUS DECOMPOSITION PRODUCTS:

Thermal decomposition in the presence of air may yield carbon monoxide, carbon dioxide.

HAZARDOUS POLYMERIZATION:

Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

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ASPIRATION HAZARD:

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TARGET ORGAN TOXIN:

Central nervous system, respiratory system.

NUMERICAL MEASURES OF TOXICITY

Oral: LD50= 5.84g/kg (rat)
Inhalation: LC50 > 1000ppm (rat, 6hr)
Dermal: LD50= 16.4ml/kg (rabbit) 24 hr

CARCINOGENICITY:

IARC, NTP, ACGIC, OSHA do not list any components as a suspected carcinogen

SECTION 12 – ECOLOGICAL INFORMATION

SUBSTANCES IN PREPERATIONS/MIXTURES

Isopropyl Alcohol: Readily Biodegradable.

BIOACCUMULATIVE POTENTIAL

This product has no bioaccumulative potential.

MOBILITY IN SOIL

This product has high mobility in soil

OTHER ADVERSE EFFECTS

None known

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

Disposal should be in accordance with local, state or national legislation.

SECTION 14 – TRANSPORT INFORMATION

Material is not regulated for transport.

SECTION 15 –REGULATORY INFORMATION

PROP 65

This mixture contains no chemicals known to the state of California to cause cancer.

RCRA HAZARD WASTE NUMBER

None

SARA 311/312/313/302 HAZARD CATEGORIES/ TOXIC CHEMICALS/EXTREMELY HAZARDOUS SUBSTANCES

None

SECTION 16 OTHER INFORMATION

DATE OF PREPERATION: 05/12/2015

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